

WHAT IS CLAIMED IS:

1. A color reproduction characteristic display  
apparatus for displaying color reproduction characteristics  
5 wherein an association between coordinates of a first color  
space defining a color on image data and coordinates of a  
second color space defining a color on an image are defined  
in accordance with a device for mediating between the image  
data and the image, said color reproduction characteristic  
10 display apparatus comprising:

a range designation section for designating a  
desired coordinate range in said first color space in  
accordance with an operation; and

an image display section for displaying a color  
15 reproduction image in which there are plotted coordinate  
points on said second color space associated with  
coordinates within the coordinate range designated by said  
range designation section of coordinates of lattice points  
wherein said first color space is partitioned as a lattice.

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2. A color reproduction characteristic display  
apparatus according to claim 1, wherein said image display  
section optionally displays the color reproduction image on  
a two-dimensional display basis or a three-dimensional  
25 display basis in accordance with an operation.

3. A color reproduction characteristic display

apparatus according to claim 1, further comprising a display plot designation section for designating a desired point of points plotted on the color reproduction image in accordance with an operation,

5            wherein said image display section displays the color reproduction image and in addition coordinate values on said first color space and coordinate values on said second color space, which correspond to the point on the color reproduction image designated by said display plot designation section.

10           4. A color reproduction characteristic display apparatus according to claim 1, further comprising a display plot designation section for designating a desired point of points plotted on the color reproduction image in accordance with an operation,

15           wherein said image display section displays the color reproduction image and in addition information as to a distance in said second color space, between two points on the color reproduction image designated by said display plot designation section.

20           5. A color reproduction characteristic display apparatus according to claim 1, wherein said image display section has a mode wherein a plurality of color reproduction images associated with a plurality of output devices is displayed on a superposing basis.

6. A color reproduction characteristic display  
program storage medium storing a color reproduction  
characteristic display program which causes a computer to  
5 operate as a color reproduction characteristic display  
apparatus for displaying color reproduction characteristics  
wherein an association between coordinates of a first color  
space defining a color on image data and coordinates of a  
second color space defining a color on an image are defined  
10 in accordance with a device for mediating between the image  
data and the image, said color reproduction characteristic  
display program comprising:

a range designation section for designating a  
desired coordinate range in said first color space in  
15 accordance with an operation; and

an image display section for displaying a color  
reproduction image in which there are plotted coordinate  
points on said second color space associated with  
coordinates within the coordinate range designated by said  
20 range designation section of coordinates of lattice points  
wherein said first color space is partitioned as a lattice,